

WHAT IS CLAIMED IS:

1. A rubber mixture comprising
  - a) one or more carboxylated nitrile rubbers
  - b) one or more metal salts of an acrylate
  - c) one or more liquid acrylates optionally applied onto a support,
  - d) from 0.01 to 8 phr of one or more silanes, and
  - e) optionally further additives and/or fillers.
- 5 2. A rubber mixture according to Claim 1, wherein said
- 10 carboxylated nitrile rubber(s) is selected from the group consisting of carboxylated NBR, partially hydrogenated carboxylated NBR and completely hydrogenated carboxylated NBR or mixtures of two or more of the members of the group.
- 15 3. A rubber mixture according to Claim 1, wherein the metal salt of the acrylate is a Zn diacrylate or a Zn dimethacrylate or a mixture thereof.
- 20 4. A rubber mixture according to Claim 1, wherein the liquid acrylate is butanediol dimethacrylate or trimethylolpropane trimethacrylate or a mixture thereof.
- 25 5. A rubber mixture according to Claim 1, wherein vinylsilane is used as the silane.
- 30 6. A rubber mixture according to Claim 1, wherein said mixture further more contains a silicate filler, carbon black, zinc oxide, magnesium oxide or a mixture of two or more of these components.
7. A rubber mixture according to Claim 1, wherein the mixture contains vulcanization retarders and/or vulcanization accelerators.
8. A vulcanizable rubber mixture comprising a rubber mixture, which comprises
  - a) one or more carboxylated nitrile rubbers
  - b) one or more metal salts of an acrylate
  - c) one or more liquid acrylates optionally applied onto a support,

d) from 0.01 to 8 phr of one or more silanes, and  
e) optionally further additives and/or fillers.  
9. A process for the production of a mixture comprising the step of mixing in a mixing unit:

5      a) one or more carboxylated nitrile rubbers  
b) one or more metal salts of an acrylate  
c) one or more liquid acrylates optionally applied onto a support,  
d) from 0.01 to 8 phr of one or more silanes, and  
10     e) optionally further additives and/or fillers.  
10. A process for vulcanizing a mixture comprising  
a) one or more carboxylated nitrile rubbers  
b) one or more metal salts of an acrylate  
c) one or more liquid acrylates optionally applied onto a support,  
15     d) from 0.01 to 8 phr of one or more silanes, and  
e) optionally further additives and/or fillers.  
wherein a peroxide (optionally in combination with zinc peroxide) is used as a vulcanizing agent.  
20     11. A molding comprising a rubber mixture, which comprises  
a) one or more carboxylated nitrile rubbers  
b) one or more metal salts of an acrylate  
c) one or more liquid acrylates optionally applied onto a support,  
25     d) from 0.01 to 8 phr of one or more silanes, and  
e) optionally further additives and/or fillers.

12. A roll covering comprising a rubber mixture, which comprises

- a) one or more carboxylated nitrile rubbers
- b) one or more metal salts of an acrylate
- c) one or more liquid acrylates optionally applied onto a support,
- d) from 0.01 to 8 phr of one or more silanes, and
- e) optionally further additives and/or fillers.

5